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AUTHORITY

AGO d/a ltr, 29 apr 1980

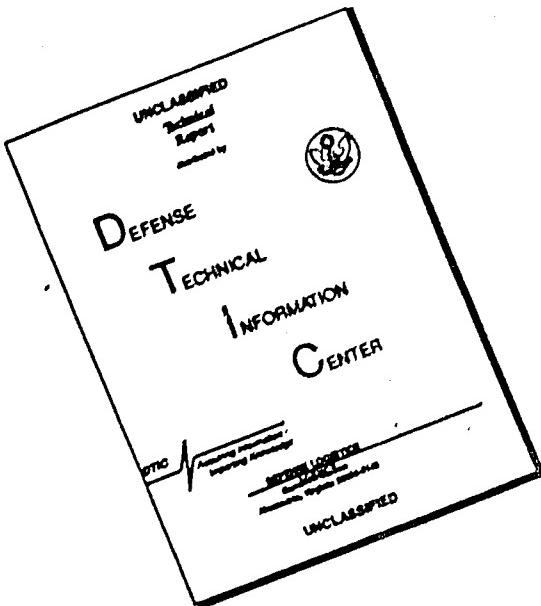
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DEPARTMENT OF THE ARMY OFFICE OF THE ADJUTANT GENERAL WASHINGTON, D.C. 20310

IN REPLY REFER TO

AGAM-P (M) (2 Feb 68) FOR OT RD-674122

6 February 1968

SUBJECT: Operational Report - Lessons Learned, Headquarters, 70th Engineer Battalion (Cbt)(A), Period Ending 31 October 1967

TO: SEE DISTRIBUTION

1. Subject report is forwarded for review and evaluation by USACDC in accordance with paragraph 6f, AR 1-19 and by USCONARC in accordance with paragraph 6c and d, AR 1-19. Evaluations and corrective actions should be reported to ACSFOR OT within 90 days of receipt of covering letter.
2. Information contained in this report is provided to insure appropriate benefits in the future from Lessons Learned during current operations, and may be adapted for use in developing training material.

BY ORDER OF THE SECRETARY OF THE ARMY:

Kenneth G. Wickham

KENNETH G. WICKHAM
Major General, USA
The Adjutant General

1 Incl
as

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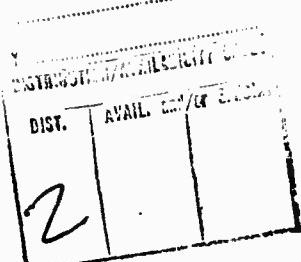
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DEPARTMENT OF THE ARMY
HEADQUARTERS, 70TH ENGINEER BATTALION (COMBAT)(ARMY)
APO 96318

EGCB-OP-70E

14 November 1967

SUBJECT: Operational Report - Lessons Learned (RCS CSFOR-65), for Quarterly Period Ending 31 October 1967

THRU: Commanding Officer
937th Engineer Group (Cbt)
APO 96318

Commanding General
18th Engineer Brigade
APO 96377

Commanding General
U. S. Army Engineer Command, Vietnam (Prov)
APO 96375

Commanding General
United States Army, Vietnam
ATTN: AVHGC-DH
APO 96307

Commander in Chief
United States Army, Pacific
ATTN: CPOI-OT
APO 96558

TO: Assistant Chief of Staff for Force Development
Department of the Army (ACSFOR DA)
Washington, D. C. 20310

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674122

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LCCB-70E-3

SUBJECT: Operational Report-Lessons Learned (RCS CSFOR-65), for Quarterly Period Ending 31 October 1967

SECTION I. SIGNIFICANT UNIT ACTIVITIES

1. COMINTD.

a. MISSION: During October the battalion moved from An Khe to Pleiku. The move was completed on 10 October 1967 with new missions as follows:

- (1) To command assigned and attached units.
- (2) To plan and coordinate operations of units assigned or attached to the battalion.
- (3) To provide all non-divisional engineer support required for tactical operations in the battalion area of responsibility.
- (4) To actively maintain the battalion sector of the Engineer Hill Perimeter and to defend this sector against enemy attack

b. ORGANIZATION:

(1) The following units were assigned or attached to the battalion during the reporting period.

<u>PERIOD</u>	<u>UNIT</u>	<u>TOE</u>
1 Aug 67 to 10 Oct 67	B/84th	5-118D
1 Aug 67 to 10 Oct 67	511th	5-77E
1 Aug 67 to 10 Oct 67	444th	5-500
1 Aug 67 to 31 Oct 67	630th	5-54D

(2) A chart showing the battalion's current organizational structure is attached as Incl 1.

c. COMINTD RELATIONS: The 70th Engineer Battalion (Cbt)(A), is assigned to the 937th Engineer Group (Cbt), and has normal command and staff relationship with that headquarters. From 1 August 1967 to 10 October 1967 the battalion responded to the operational emergency support requirements of the 1st Air Cavalry Division.

2. PERSONNEL, ADMINISTRATION, MOAILED AND DISCIPLINE

a. Personnel: The average present for duty strength of the battalion remained within the range of 88% to 97%, with an average of approximately 93% during the reporting period. The operational strength of the battalion decreased during this reporting period by the detachment of the 511th Engineer Company (PB), Company B, 84th Engineer Battalion (Const.) and the 444th Engineer Detachment (HC). Authorized strength of assigned and attached units at the close of this reporting period was:

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FCCB-70E-3

SUBJECT: Operational Report-Lessons Learned (RCS OSFOR-65), for Quarterly Period Ending 31 October 1967

(1) 70th Engg Bn (C) - 39 Officers, 855 EM.

(2) 630th Engg Co. (IE) - 6 Officers, 180 EM.

b. Morale and Discipline:

(1) Morale has remained at a high level. The present high state of morale can be attributed to job satisfaction and effective leadership at all levels, this is reflected in the 41 extensions during the period. There were 6 Special Court-Martial for the quarter and one Summary Court-Martial.

(2) Movies are conducted on an average of 6 nights weekly in 2 locations within the battalion. Officer, NCO, and EM Clubs also provide nightly relaxation areas for all personnel in the base camp area. Local radio and television also offers entertainment.

(3) The battalion Chaplain conducted character guidance classes on a regular basis and Protestant services in the battalion chapel as well as on the road for the companies separated from the battalion headquarters. Catholics attend services at the 937th Engineer Group on Engineer Hill.

3. INTELLIGENCE AND SECURITY:

a. PHYSICAL SECURITY: This unit continues to stress safeguarding of defense information and assures through training that all members of this command are aware of the proper procedures for handling classified material.

b. RECONNAISSANCE: At An Khe a continuous ground reconnaissance of Route QL-19 was conducted from An Khe Pass to Lang Giang Pass. Periodic aerial reconnaissance was also run on Route 508 to Kennack Airfield and Route 2 east, from Highway 19 to the southern boundary of the battalion AOR. Following the battalion's move to Pleiku ground reconnaissances were completed on Rt. QL-19 from Lang Giang Pass to Pleiku, Route QL-14 from Pleiku to Kontum, Route 511 from Kontum to Poiem Klong and Route 509 from Pleiku to bridge 509-2

4. PLANS, OPERATIONS AND TRAINING

a. Operational Support: This unit has had the following operational support missions during the reporting period:

(1) Land clearing operations were undertaken along Route QL-19 and Route 509. The initial section from An Khe Pass to Lang Giang Pass was completed 30 September 1967 with the exception of small marshy or steep sections requiring hand clearing. This operation was supported by elements of the 35th Engineer Detachment (Land Clearing). The battalion is currently engaged in clearing along Route QL-19 from the Lang Giang Pass to Pleiku and along Route 509 from Pleiku to 14 B with organic equipment. Clearing is being accomplished to a distance of 100 meters on either side of the road.

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EGCB-704-3

SUBJ CT: Operational Report-Lessons Learned (RCS CSNCE-65), for Quarterly Period Ending 31 October 1967

(2) Maintenance of Route QL-19 was a continuing project throughout this period. While the battalion remained at An Khe it was responsible for maintenance from An Khe Pass to a point some 8 kilometers west of Mang Giang. Work accomplished included grading, placing of fill material on deteriorated shoulders, filling of potholes, and repair of drainage structures. Since moving to Pleiku the battalion's responsibility is now for the section from the eastern base of Mang Giang Pass to Pleiku.

(3) At the present time the battalion is maintaining Route QL-14 north from Pleiku to Kontum. This operation includes repair of bypasses and bridge maintenance in addition to road repair.

(4) 600 six inch diameter trees were cut and shipped from Pleiku to Dak To for use in a corduroy road being constructed by the 29th Engineer Battalion.

(5) Several mine sweeps were conducted to support the 1st Air Cavalry Division on Route QL-19 and Kennack Road.

(6) Approximately 8 kilometers of Route 509 west of Pleiku have been upgraded to a class 34(U), 55(T), one lane, fair weather road. Two 48-inch culverts 30 feet long and one 36-inch culvert 28 feet long have been installed. 20 kilometers of the road have been rough cut and one ZVLB bypass constructed. Rebuilding of one damaged timber trestle bridge was started at the end of the reporting period.

(7) Plans have been completed and a construction schedule prepared for the upgrading of Lai Klong airfield to C-130 capability. B Company of the battalion prepared to move to that location the first week in November.

b. CONSTRUCTION:

(1) During the reporting period, the following projects were completed or turned over to other construction units for completion:

(a) The ten mile section of Route QL-19 from An Khe Pass to An Khe was prepared for asphalt pavement. The road was scarified, mixed with 3-inch minus rock, graded, watered and compacted. 3,800 cubic yards of rock and 4,670 cubic yards of decomposed granite were hauled, placed, and treated with Re-3 during the operation.

(b) Through the month of August maintenance was performed nightly on the An Khe DBT C-130 airstrip. Patching and rolling were required as well as welding of PSP sections on overruns and taxiways. A trailer-mounted asphalt mixer/drier was used to provide the necessary hot mix.

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EGM 700-3

SUBJECT: Operational Report: Lessons Learned (RCS CSFOR-65), for Quarterly Period Ending 30 October 1967

(c) The An Khe Airfield concrete runway was completed during this period. The finished runway, 72 feet wide and 4,365 feet long, including a 300-foot concrete overrun was connected to the existing DBUT runway by an MSAL turnout. The project was then turned over to the 589th Engineer Bn (Const.).

(d) The final work was completed on the An Khe logistical complex. This consisted of finishing the remaining 70' x 80' x 8" concrete ammunition storage pads in the ASP and grading and capping the ASP access roads with 3-inch minus rock. Several culverts with concrete headwalls were also installed in this area.

(e) Three 40' x 100' closed storage warehouses (tropical design) and 10 concrete slabs for three others were completed in the 1st Cavalry Division (Airmobile) supply Point. A number of open storage sheds were constructed as well as access roads and drainage structures. Fill was placed throughout the area for open storage and future construction. The project was turned over to the 589th Engineer Bn (Const.).

(f) A 46' x 15' x 3" concrete pad was placed at Hon Cong Quarry for a concrete secondary crushing unit.

(g) A medium helipad was constructed for the 616th Medical Clearing Company on the lower slopes of Hon Cong Mountain. 3-inch minus rock was placed, rolled and shot.

(h) A 175' x 190' aircraft maintenance hangar at the Golf Course Heliport had all structural steel erected and the bulk of the roofing on when the battalion departed An Khe. The project was turned over to the 589th Engineer Bn (Const.).

(i) Repairs, technical advice, and limited equipment support were provided to the 1st Cavalry Division (Airmobile) in the helipad construction program at the Golf Course Airfield.

(j) While at An Khe the battalion continued to prob. b, issue, and supervise construction of all buildings for the Camp Radcliff base development program.

(k) Efforts at berm stabilization in the previously constructed 65,000 BBL Tank Farm continued. RC-3 was utilized with limited success. The final solution was to hand place sandcement filled sandbags with local manual labor. This program was underway when the battalion moved to Pleiku.

(l) The Camp Radcliff main post exchange was completed with the exception of installation of the air conditioning units.

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8

ENCL 100-3

Subject: Operational Report - Camp Holloway (PCS CFSR 8-65), for Quarterly Period Ending 15 March 1965

(m) Road maintenance on several selected roads within Camp Radcliff continued on an emergency repair basis.

(n) Several types of aircraft revetments were constructed at Camp Holloway. These included 55-gallon drum revetments, M8A1 matting revetments and a modular wooden box revetment. All required revetments were completed, however a number of 55 gallon drum revetments still require upgrading to meet minimum criteria. As soon as additional drums become available this work can be started.

(o) Two 16' x 6' timber cross walks were constructed at Camp Holloway to provide passage over drainage ditches adjacent to the runway.

(p) A class 55 timber truss bridge was constructed on the road from Engineer Hill to the 71st Evacuation Hospital to replace an H4T6 dry span which was removed.

(q) The Engineer Hill security project was completed to include construction of 5 guard towers, 13 bunkers and 3 barbed wire fences enlarging the Engineer Hill perimeter to permit construction of the battalion encirclement.

(r) While in An Khe, quarry and crusher operations continued at the Hon Cong and Route 19 quarry sites and at the Hon Cong and An Kho crusher site. Upon completion of the concrete runway the Route 19 Quarry operation was closed down as no further requirement existed for high quality granite aggregate. Products included blast rock, 3"(-), 1 1/2"(-), 3/4"(-) and fines.

(2) Projects under construction at the end of this reporting period include:

(a) Construction of Bridge 31 on Route QL-19 was approximately 80% complete at the end of the period. This involved repair of an existing concrete abutment recovery and placement of steel stringers and construction of concrete deck and handrails.

(b) Work continues on five pump stations on the An Lao to Pleiku pipeline. The pump stations are in various stages of construction but are primarily held up for lack of materials including pumps, fuel tanks, and plumbing. The overall status of completion is 60%.

(c) Installation of perimeter lighting at Camp Holloway is stopped at 55% completion due to lack of materials. 131 telescopic metal light poles have been placed, 140 cross arms have been fastened and 74 bolted into place, 1800 feet of wire has been strung.

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LEADER VOL-3

SUBJ: Operational Report - Camp Holloway (RCS CSINCA-65), for Quarterly Period Ending 30 September 1965

60 insulator racks fabricated and insulator sheds constructed. Critical materials shortages have been placed at QSF.

(d) A T-7 for the 6th Battalion, 14th Artillery is currently under construction. Concrete slab has been formed and rebar placed.

(e) Construction of 175' x 190' maintenance hanger at Camp Holloway has been assigned to the battalion. Substantial material shortages preclude construction at this time.

(f) Plans for a control tower at Camp Holloway are under reevaluation. Siting is being established and work will commence as soon as approved plans are received.

(g) Construction continues in the new battalion command area. At present 4 mess halls, 6 latrines, and 6 shower buildings and water towers have been completed. Two maintenance buildings are in use and four more under construction. Tent kits are being erected for billeting.

(h) An existing T-17 membrane apron at the 604th Maintenance Company, Camp Holloway, has been partially removed and is to be replaced with M81 matting.

(i) The Waterworks decomposed granite quarry has been reopened and is being operated by the 630th Light Equipment Company. Decomposed granite is issued to all units in the Pleiku area.

(j) Extensive stripping at the proposed OP-10 Quarry site has not as yet revealed workable rock. Work on a chimney at that location has ceased pending determination concerning availability of rock.

5. LOGISTICS

a. During the first weeks of the report period, the battalion continued to handle an average of 600 tons of construction materials per week. As self-help construction in An Khe tapered off, this figure gradually declined to a low of 80 to 100 tons per week by 1 October.

b. The water point at An Khe was closed on 29 September and relocated on Route QL-19 east of Pleiku on 4 October. The new water point supports D Company, 70th Engineer Battalion and a 4th Division fire base with an average of 5000 gallons of water per day.

c. Since the relocation of the battalion to Pleiku, effort has been concentrated on the timely acquisition of materials to keep pace with directed projects. A lack of access to MHE and transporting vehicles, plus non-availability of certain items, has delayed progress in this area.

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ILLEGIBLE, HQS, DA

W-100-3

5. OPERATIONAL REPORT: Formed (PCB CTRP-65), for Quarterly Period ending .

d. Difficulty is encountered in replacing TOE equipment shortages. Specific examples of key losses of equipment are:

(1) Four authorized hand graders (TOE 5-35E), one was on hand at the end of the quarter.

(2) Of thirteen scoop loaders authorized, three were on hand at the end of the quarter.

(3) Of five bulldozers authorized, one was on hand at the end of the quarter.

6. FCPC DEVELOPMENT: None

7. COMMAND TRAINING: None.

8. INSPECTOR GENERAL: The battalion's annual general inspection was held during the period 25 through 29 September 1967. The unit was found to be accomplishing its assigned missions in an effective manner. All areas inspected were found to be satisfactory. Immediate action was taken to correct all deficiencies indicated by the inspecting team.

9. INFORMATION: None.

10. CIVIL AFFAIRS: This battalion has been particularly active in the area of civil affairs during this reporting period, with the following endeavors:

a. Work continued on the school for the hamlet of An Tan, just outside of An Khe. The school was completed with the exception of placing tile on the roof prior to the battalion move to Pleiku.

b. Materials and food were sent to the refugee camp near An Khe with a biweekly Medcap Program. The battalion also provided water until wells were completed in the camp. The entire project was coordinated through the Vietnamese camp cadre.

c. Since arrival in Pleiku a Medcap program has been started. No other projects have been initiated as yet.

7

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100-123

Subject: Operational Report - Period Ending 3-31-68
Issued (MCI-COM-65), for the monthly

ITEM: Item 1, Objective S.M. 100-1

Land Clearing Drainage

DISCUSSION: Since the land clearing operation removes the natural vegetation which normally tends to reduce runoff, drainage becomes an increasing problem with land clearing operations. Not only does increased run-off take place but the windrows tend to restrict natural or man-made drainage patterns to further complicate the situation. Additionally, inattentive equipment operators may totally block existing drainage structures while engaged in the clearing operation.

OBSERVATION: It is imperative for all personnel engaged in land clearing operations, particularly along lines of communications to be aware of the problems mentioned and to exercise care to preclude creating drainage problems.

ITEM: Driving U-Shaped Pickets.

DISCUSSION: When driving 8' u-shaped pickets with a grader blade you must use a truck to stand on or get a scoop to push them into the ground with its bucket. Either way a piece of equipment is used which could be used in more important ways. A solution to this problem is to put a piece of 4" pipe 4' long and weld a steel cap to one end and two long handles made from 2" rebar to the sides. This is placed over the picket and brought down on it to drive it into the ground.

OBSERVATION: Long pickets can be easily driven without heavy equipment and with minimum effort.

ITEM: Utilization of Front Loaders in quarry operations.

DISCUSSION: Front loaders are not designed for utilization as loading devices for blast rock's frequently required in P.V.P.

OBSERVATION: Use Front Loaders for loading out of aggregate stockpiles. Design crusher/quarry operation to maximize dumper loading through chutes, chutes etc.

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LGM 70E-3

ST: Op: Operation 1 Rep. Learned (ECS 2500-65), for Quarterly Period Ending 3

ITEM: Improved production in crusher/quarry operations.

DISCUSSION: Production in crusher/quarry operations is often not commensurate with equipment assigned to job.

OBSERVATION: Emphasis placed on job planning, traffic patterns and efficient equipment utilization will generally increase production. It is easy to become satisfied with an operation when, in fact, production can be improved. A continuing effort for improvement should be vigorously pursued by all supervisory personnel.

ITEM: Protection of timber grizzly required to support dozer traffic.

DISCUSSION: Timber grizzlies used to segregate oversized material for a dozer loading dump trucks tends to wear under the abrasion of material and tracks. Also oversized rocks tend to lodge in the grizzly.

OBSERVATION: Wear cutting edges or steel plate placed on top of the grizzly timbers prevents damage to timber. If the plate is slightly wider than the grizzly timber, slightly oversize material will have less likelihood to wedge between the timbers.

ITEM: Mount for antenna of the jeep mounted An/VRC 46 radio.

DISCUSSION: The center brace on the standard antenna mount for the jeep mounted An VRC 46 radio cracks and becomes unservicable in a short period of time.

OBSERVATION: The brace as issued is made of aluminum. Fabricate a steel plate in the same shape as the aluminum one and replace it when installing bracket in jeep.

ITEM: Transportation of intrenching machine.

DISCUSSION: Problems have arisen with the fuel tank breaking loose from brackets while trenching machine is being transported on a lowboy.

OBSERVATION: To avoid this problem drain the fuel tanks prior to shipment. The tank and fuel are too heavy for the brackets on rough terrain.

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PGCC 70-3

SUBJ: Operation 1 Rep. J. M. Learned (PCS CSMP-65), for quarterly period ending 3 Oct. 1965.

ITEM: Return Hydraulic Line.

DISCUSSION: During land clearing operations it was found that considerable dead-line hours resulted from trees falling on the return hydraulic lines on the push-arm cylinders, thus cracking or breaking them.

OBSERVATION: A piece of angle iron can be installed as to shield the return hydraulic line.

ITEM: Selection of frequency for unit relay station.

DISCUSSION: Often during operations in mountainous terrain a relay station must be established to facilitate radio communications between units. A large volume of traffic is normally handled by such a relay operating for a battalion sized unit. If the relay operates on the unit frequency it will tend to monopolize the traffic and thus impede unit communications.

DISCUSSION: Operate unit relay stations on an alternate frequency if available.

SECTION II, PART II, PGCC CITATIONS

1. PERSONNEL: In recent months this organization has experienced malassignment of personnel in excess of the authorized strength in grades and MOS's. This is in contravention to AR 600-200 and results in enforced violation of basic personnel management principles. It further creates an adverse morale factor by eliminating possibilities for advancement. Closer adherence to the information contained in personnel information rosters and enlisted requisitions submitted monthly by battalion size units is required to alleviate this situation.

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EGM 70B-3

SUBJECT: Operational Report-Sessions Learned (ECS 70B-3), for monthly
Period Ending 31 October 1961

2. OPERATIONS: None

ROBERT E. MYERS
LTC US
Commanding

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EGC-CO (14 Nov 67) 1st Ind
SUBJECT: Operational Report - Lessons Learned (RCS CSFOR-65), for Quarterly Period Ending 31 October 1967

DEPARTMENT OF THE ARMY, HEADQUARTERS, 937TH ENGINEER GROUP (COMBAT), APO 96318, 21 November 1967

TO: Commanding General, 18th Engineer Brigade, ATTN: AVBC-C, APO 96377

1. The subject report, submitted by the 70th Engineer Battalion (Combat), has been reviewed and is considered an accurate report of organizational activities.

2. I concur in the observations and recommendation of the Battalion Commander with the following additional comments:

Page 6, Paragraph 5c -

MHE equipment has been released and should be available at Pleiku in the immediate future.

Page 7, Paragraph 5d -

(1) Group is short 14 graders. No information available as to expected delivery.

(2) Three new scoop loaders have been issued to the 70th Engr Bn (C) during the past two weeks. Two loaders are being delivered to the 70th this week.

(3) Group is short 6 graders. No information available as to expected delivery.

R. C. MARSHALL
Colonel, CE
Commanding

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AVBC-C (14 Nov 67)

2nd Ind

CPT Storat/dlr/DBT-163

SUBJECT: Operational Report - Lessons Learned (RCS CSFOR-65), for
Quarterly Period Ending 31 October 1967

Headquarters, 18th Engineer Brigade, APO 96377

29 NOV 1967

TO: Commanding General, U.S. Army Engineer Command, Vietnam (Prov),
ATTN: AVCC-P&O, APO 96375

1. This headquarters has reviewed the report submitted by the 70th
Engineer Battalion (C) (A), as indorsed, and considers it an accurate descrip-
tion of the unit's activities and accomplishments during the reporting period.

2. Concur with the report as indorsed with the following comments added:

a. Reference Section I, para 5d.

(1) Shortage of graders exists throughout the 18th Engineer
Brigade. Graders due in October have not arrived.

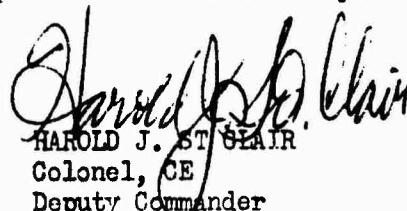
(2) Scoop loaders are presently arriving in country.

(3) This headquarters is looking into the shortage of Erdlators
in the 937th Engineer Group.

b. Reference Section II, Part I - Protection of timber grizzly re-
quired to support dozer traffic. Concur with the method proposed to reduce
wear of timber grizzlies. However, eight (8) and twelve (12) inch channel
beams can be obtained for use instead of timber.

c. Reference Section II, Part II - Mount for antenna of the jeep
mounted AN/VRC 46 radio. A common reason for failure of the aluminum brace
is improper installation of the antenna mount which causes additional stress
to be placed on the brace. When mounted in accordance with the instructions
using the three (3) bolts provided, the aluminum plate should withstand the
same stress as the steel plate suggested.

d. Reference Section II, Part III. Concur with the Battalion Com-
mander's recommendation. Non-availability of personnel in grades and MOS's
necessitates assignment of personnel in other grades and MOS's as a substi-
tute measure resorted to only when required for mission accomplishmont.


HAROLD J. ST. CLAIR
Colonel, CE
Deputy Commander

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AVCC-P&O (14 Nov 67) 3d Ind
SUBJECT: Operational Report - Lessons Learned (RCS CSFOR-65), for
Quarterly Period Ending 31 October 1967

HEADQUARTERS, UNITED STATES ARMY ENGINEER COMMAND
VIETNAM (PROV), APO 96491 7 DEC 1967

TO: Commanding General, United States Army Vietnam, ATTN: AVHGC-DH,
AFO 96375

The subject report, submitted by the 70th Engineer Battalion (Cbt),
has been reviewed by this headquarters and is considered adequate.

FOR THE COMMANDER:

Paul A. Loop
PAUL A. LOOP
Colonel, CE
Chief of Staff

1 Incl
nc
Info Cys Furn:
CG, 18th Engr Bde
CO, 937th Engr Gp
CO, 70th Engr Bn

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AVHGC-DST (14 Nov 67) 4th Ind
SUBJECT: Operational Report - Lessons Learned (RCS CSFOR-65), for Quarterly Period Ending 31 October 1967

HEADQUARTERS, UNITED STATES ARMY VIETNAM, APO San Francisco 96375 17 DEC 1967

TO: Commander in Chief, United States Army, Pacific, ATTN: GPOP-DT,
APO 96558

1. This headquarters has reviewed the Operational Report-Lessons Learned for the quarterly period ending 31 October 1967 from Headquarters, 70th Engineer Battalion (Combat) (Army) (AZBA) as indorsed.

2. Pertinent comment follows: Reference item concerning personnel, page 10, paragraph 1; and 2d Indorsement, paragraph 2d: Concur with 2d Indorsement. During a period of shortages of some grades and MOS's, it is necessary to make substitutions to alleviate overall shortages. Of necessity, overages in authorizations will occur in MOS's where there are excess personnel command wide.

3. A copy of this indorsement will be furnished to the reporting unit through channels.

FOR THE COMMANDER:

for John V. Getchell
JOHN V. GETCHELL
Captain, AAC
Assistant Adjutant General

1 Incl
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cc:

HQ, 70th Engr Bn
HQ, US Army Engr Comd

GPOP-DT (14 Nov 67)

5th Ind

SUBJECT: Operational Report for the Quarterly Period Ending 31 October
1967 from HQ, 70th Engineer Battalion (UIC: WAZBAA) (RCS CSFOR-65)

HQ, US ARMY, PACIFIC, APO San Francisco 96558 12 JAN 1968

TO: Assistant Chief of Staff for Force Development, Department of the
Army, Washington, D. C. 20310

This headquarters has evaluated subject report and forwarding indorsements and concurs in the report as indorsed.

FOR THE COMMANDER IN CHIEF:

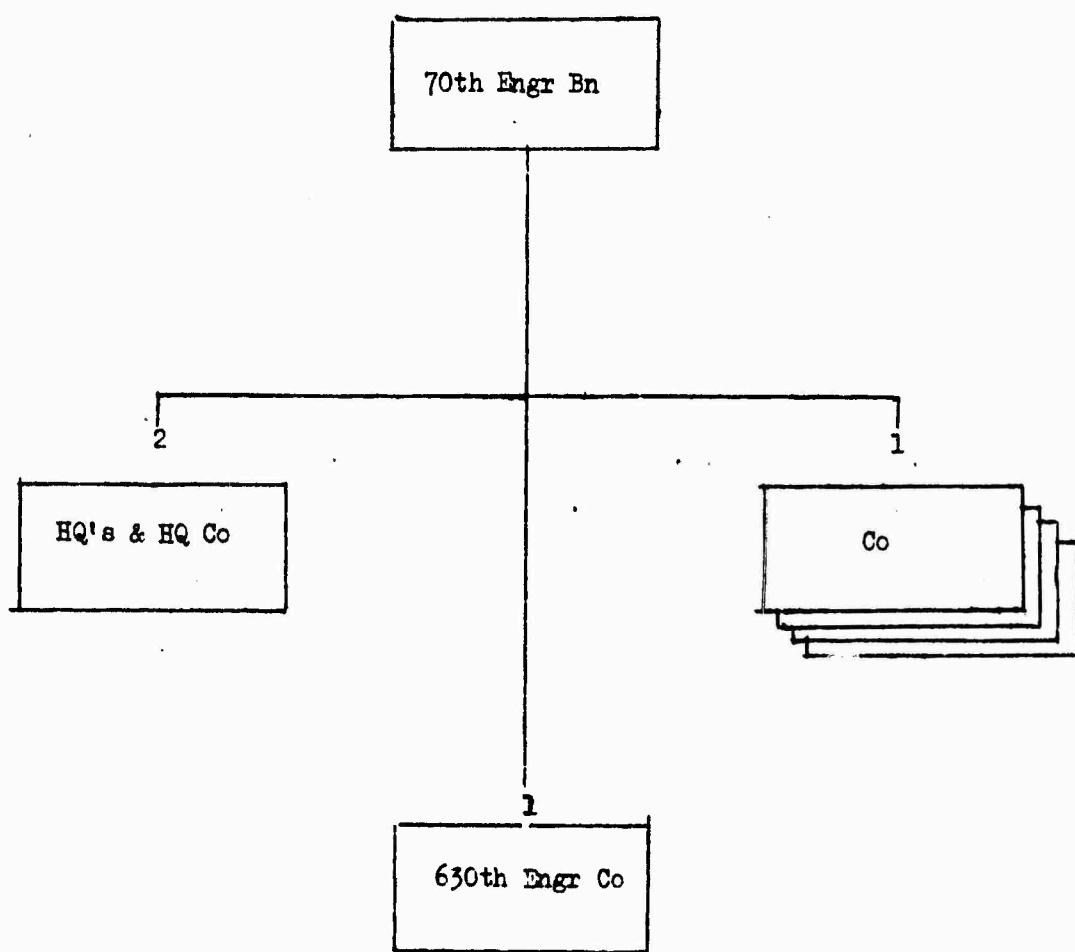


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17

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18